
PRODUCT INSTALLATION INSTRUCTIONS

JEEP EGR

STEP 1: CHECK KIT CONTENTS

STEP 2: READ INSTRUCTIONS

STEP 3: CONFIRM TOOLS RECOMMENDED FOR INSTALLATION

RECOMMENDED TOOLS

- Flashlight
- Flathead screwdriver
- Small Pick
- Cutoff pliers
- Flush cut pliers
- Socket and wrench set
- Zap straps

CHECK KIT CONTENTS

Before starting, please check the contents of your kit:

QUANTITY	PART NUMBER	DESCRIPTION
1	030-EGR-A067	Intake Block Off Plate
1		Exhaust Block Off Plate
1		Coolant Hose With Brass Fitting Installed
7		Bolts
2		Nuts
2		Worm Gear Clamps
2		Zap Straps
1		Vacuum Cap

Warning

Not legal for sale or use on pollution-controlled motor vehicles anywhere. Legal ONLY for off-road competition race vehicles and cannot be used on vehicles that are operated on public streets, roads, or highways.

Disclaimer

1: By installing this product onto your vehicle, you are assuming all risk and liability associated with its use.

2: It is your responsibility to make sure your vehicle complies with all federal, state, and local emission laws. Any penalties and fines for removing your vehicle's emission equipment are the sole responsibility of the end user.

3: Due to its high performance nature, this product may void the vehicle manufacturer's warranty.

4: Dirty Diesel Customs is not responsible for misuse of its products. By installing this product, you release Dirty Diesel Customs of any and all liability associated with its use.

5: The purchaser and end user releases, indemnifies, discharges, and holds harmless Dirty Diesel Customs from any and all claims, damages, causes of action, injuries, or expenses resulting from or relating to the use or installing of this product that is in violation of the terms and conditions on this page, the product disclaimer, and/or the product installation manual. Dirty Diesel Customs will not be liable for any direct, indirect, consequential, exemplary, punitive, statutory, or incidental damages or fines caused by the use or installation of this product.

STEP 1:

We recommend completing the tuning of your vehicle before removing any components. Depending on what tuning you have decided to use you can complete it through the OBD2 port with HP tuners after having your ECM unlocked by HP Tuners or by sending in your ECM for a bench flash. Follow the instructions provided on our website on how to complete the tuning of your vehicle.

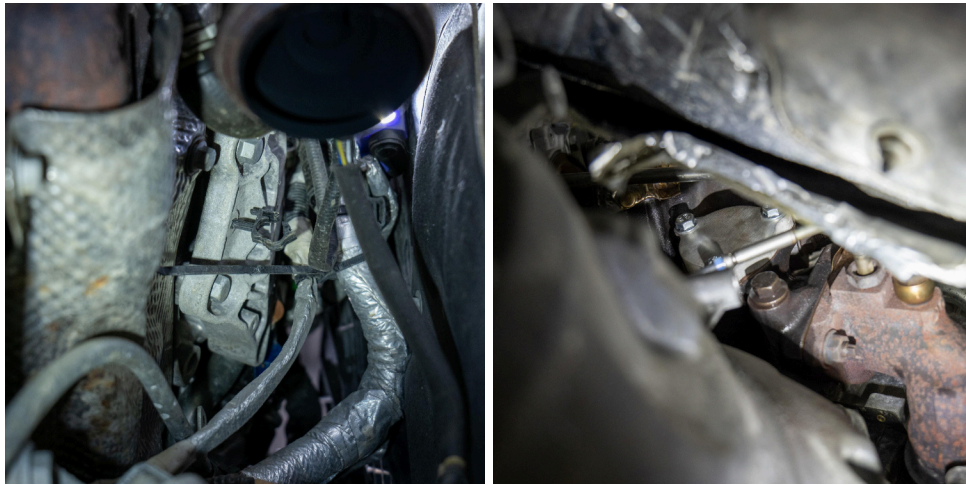
STEP 2:

Allow the vehicle to cool down, disconnect the battery and drain the coolant. Disconnect the electrical connectors including the throttle valve, remove the vacuum line running from the control solenoid to the EGR and plug it off with the supplied vacuum cap. Remove the feed pipe that connects the EGR to the intake manifold.



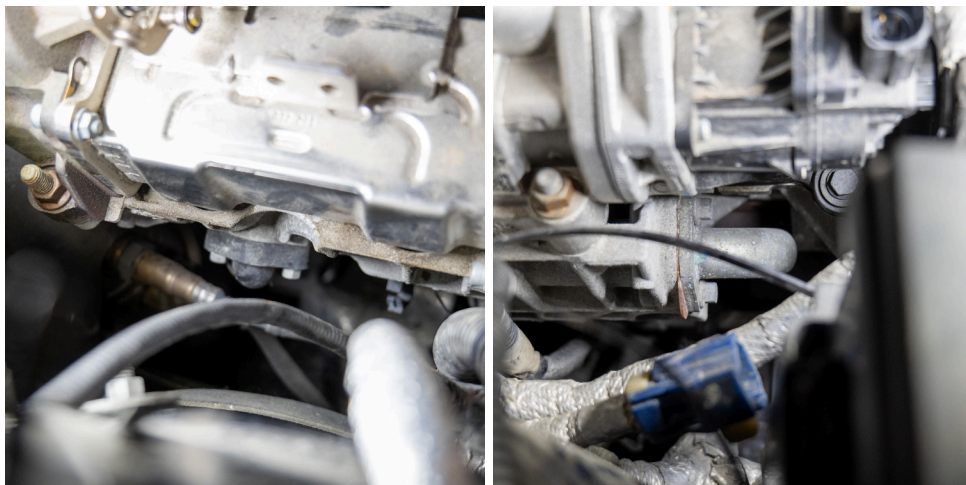
STEP 3:

Remove the exhaust from the vehicle to gain better access to the 3 mounting bolts for the EGR on the side of the engine and remove them. Next you will need to remove the 3 bolts holding the exhaust - EGR feed pipe at the back of the engine. You can gain better access to the bolts by removing the differential pressure sensor and mounting bracket from the side of the transmission. The bolts holding the exhaust - EGR feed pipe on are notorious for binding up and breaking. We recommend using lots of penetrating fluid and working the bolt in and out to ensure they do not break. Note the right photo is after exhaust - EGR pipe is removed and blocker plate is installed.



STEP 4:

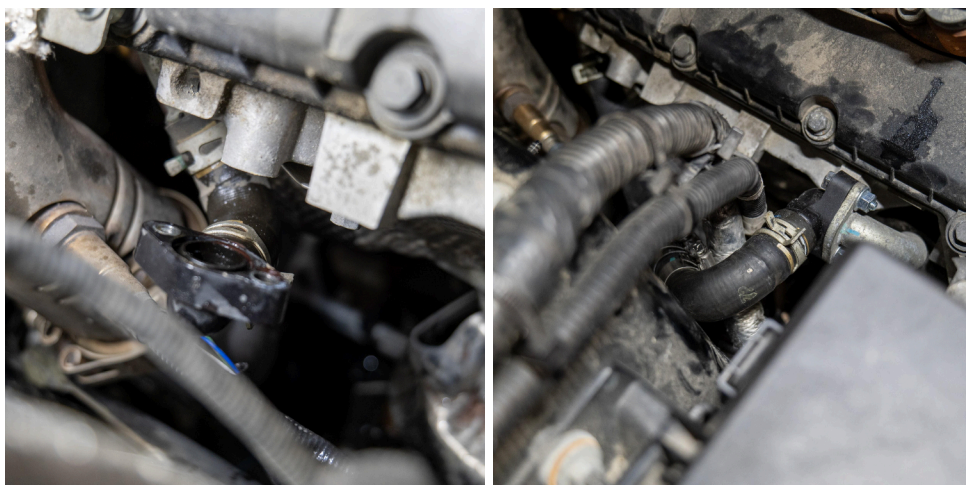
From the top you can now remove both coolant lines that are bolted on to the EGR. To make removal of the EGR easier, remove the top bolt and loosen the lower bolt of the exhaust - EGR feed pipe at the EGR, allowing it to be rotated as the EGR is removed.





STEP 5:

Remove the rear coolant hose and fitting from the metal pipe, ensure the orange gasket is still attached to the plastic fitting. The coolant hose and plastic fitting that was removed will now be attached to the metal pipe that was previously bolted to the front of the EGR with the supplied nuts/bolts. Rotate the rubber coolant hose on the plastic fitting so that it is facing toward the rear of the vehicle. Install the supplied coolant line with the brass fitting. The brass barbed fitting will be installed into the coolant hose that was previously turned toward the rear of the vehicle and the open end will be installed on the metal pipe that used to feed the rear of the EGR. Note the supplied hose may need to be trimmed for proper fitment.



STEP 6:

Install blocker plates at the Intake manifold and the exhaust feed port at the rear of the engine. We also recommend putting a tack weld on the NoX sensor (Lower Sensor) in the down pipe as it tends to come loose and causes a large exhaust leak. The O2 sensor (Upper Sensor) is welded as well but does not normally come loose.



STEP 7:

Tie any loose connectors up, recheck all of the installed components, fill with coolant and install the exhaust. Below are some additional photos for reference.

